

# WEEK 16 – WEEKLY MATHS CHALLENGE



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Each letter represents a different non-zero integer.

What is the value of X?

$$\begin{array}{r} S E E \\ + S E E \\ \hline A X E S \end{array}$$

*Mr. Barton's fun maths fact:*

*"Last year, I travelled approximately a total of  $233 \times 40$  miles going on holiday!"*



## KEYS TERM OF THE WEEK

**Perfect number:** a positive number which is equal to the sum of its factors (excluding itself). E.g. the factors of 6 are 1, 2, 3 and 6, and we have  $1 + 2 + 3 = 6$ . What is the next perfect number?

Submit your answers on a piece of paper with your name and form on by the END OF FRIDAY to the box by **student services**. Winner revealed next Wednesday!